



Stinger 35 / Stinger 100

Owner's Manual

P/N 026637

INTRODUCTION

Congratulations! The selection of a SUNN amplifier will reward you with years of musical satisfaction and place a world of new sounds at your fingertips. SUNN amplifiers combine control, power and reliability in one compact package. This manual will explain the many features and applications available on your new musical tool. Read the manual carefully to gain the maximum benefit from all of the product's features before using it.

The built-in quality of a SUNN amplifier is the result of over three decades of combined research and development between our engineers and musicians.

That is why we say, proudly... SUNN, the choice of the pros!

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

IMPORTANT

To reduce the possibility of AC current leakage, this amplifier is provided with a grounding power cord. Be sure to connect it to a grounded receptacle.

Operation from a 2-pronged ungrounded receptacle requires a 3-to-2 grounding adapter. The adapter's grounding lead must be connected to a good earth ground.

SUNN's specially designed electronic parts provide optimum performance in this amplifier. For best results, replace with SUNN original equipment parts only.

FIGURE 1

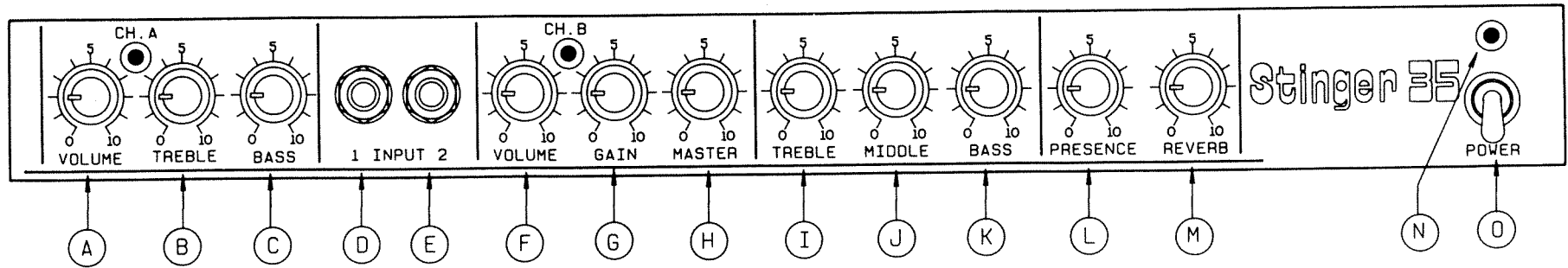
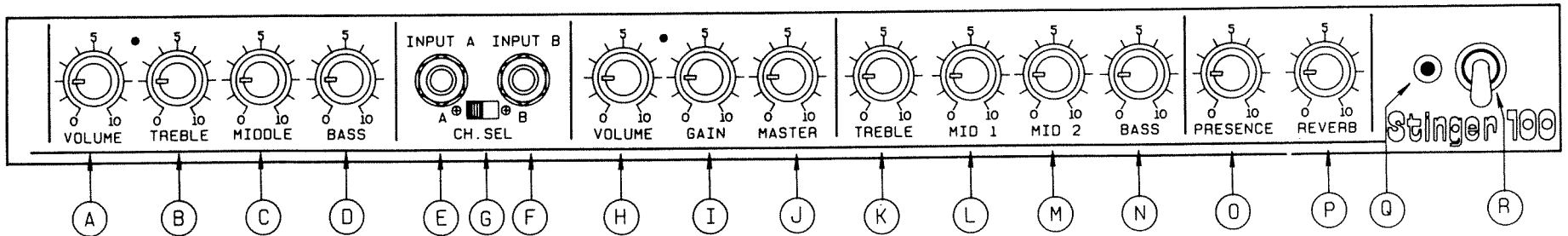


FIGURE 2



The STINGER 35 and STINGER 100 have 3 modes of operation:

1. DUAL CHANNEL—If two (2) instruments are connected to INPUT A and INPUT B, each set of tone and volume controls work independently.
2. CHANNEL SWITCHING—Use INPUT A and the Footswitch
3. PARALLEL CHANNELS—Use INPUT B, now BOTH sets of controls work together. Use the VOLUME controls to “mix” the sounds from each channel

STINGER 35 (Fig. 1) AND 100 (Fig. 2) FRONT PANEL FEATURES

Stinger 35	Stinger 100	
A	A	VOLUME—Setting from zero to full power for CHANNEL A.
B	B	TREBLE—Provides desired amount of high frequency response or brilliance for CHANNEL A.
	C	MID—Provides active mid-range frequencies with cut and boost for CHANNEL A (STINGER 100 only).
C	D	BASS—Provides desired amount of bass response for CHANNEL A.
D	E	INPUT A—Connection for instrument. If only INPUT A is used the amplifier will operate in Channel Switch Mode. If both INPUT A and INPUT B are used, both channels will operate with INPUT A going to CHANNEL A and INPUT B going to CHANNEL B.
E	F	INPUT B—Connection for instrument. If only B is used, this input is fed to both CHANNEL A and CHANNEL B. Channel switching is disabled when INPUT B is used.
	G	CHANNEL SELECT—Switches INPUT A between CHANNEL A and CHANNEL B (STINGER 100 only).
F	H	VOLUME—Volume setting from zero to full power for CHANNEL B.
G	I	GAIN—Works in conjunction with CHANNEL B VOLUME and effects the sensitivity and pre-amp distortion threshold.
H	J	MASTER—Controls overall volume of sound output for CHANNEL B. For a “clean” sound, set MASTER at 10 and GAIN at 1. Adjust VOLUME for desired level. For distortion, use higher GAIN and VOLUME settings.
I	K	TREBLE—Provides desired amount of high frequency response or brilliance for CHANNEL B.
J	L	MID 1—Provides active cut and boost of high mid-range frequencies for CHANNEL B.
	M	MID 2—Provides active cut and boost of low mid-range frequencies for CHANNEL B (STINGER 100 only).
K	N	BASS—Provides desired amount of bass response for CHANNEL A.
L	O	PRESENCE—Adds overall brilliance to both channels.
M	P	REVERB—Selects the amount of reverberation for both channels.
N	O	PILOT INDICATOR—LED is lit when amplifier is ON.
O	R	ON/OFF SWITCH—Turns amplifier ON and OFF.

FIGURE 3

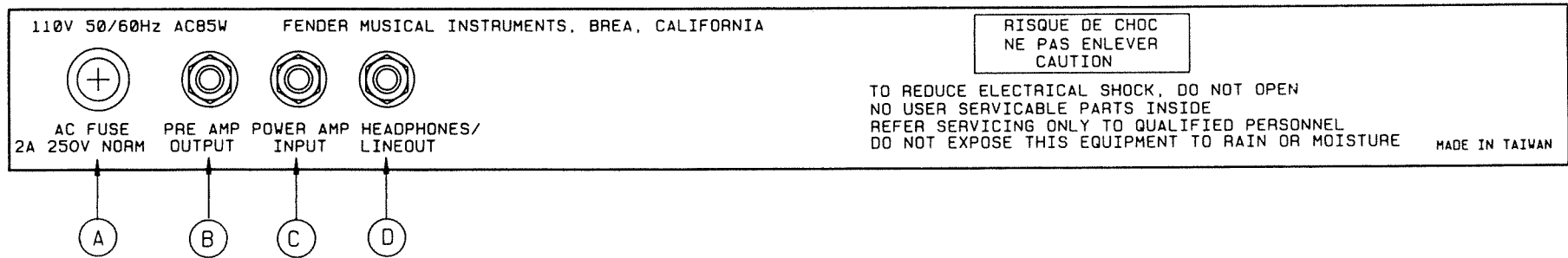
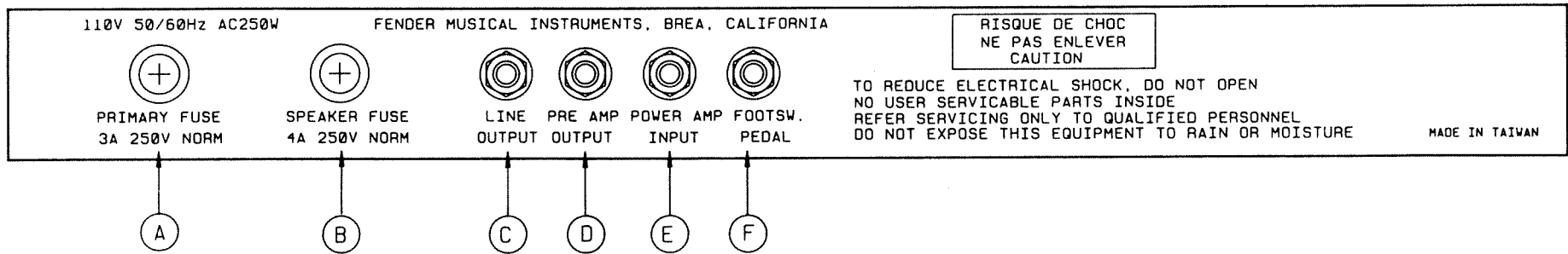


FIGURE 4



STINGER 35 (Fig. 3) AND 100 (Fig. 4) REAR PANEL FEATURES

Stinger 35	Stinger 100	
A	A	PRIMARY FUSE — CAUTION: To reduce the risk of fire, replace only with the same type of slo-blo fuse.
	B	SPEAKER FUSE — CAUTION: To reduce the risk of fire, replace with the same type of normal-blo fuse.
	C	LINE OUTPUT — Provides line level output for connection to a mixer or recorder.
B	D	PREAMP OUTPUT — Permits direct connection of external signal processors such as a phaser, chorus, equalizer, digital delay and other devices. Creates an effects loop when used with the POWER AMP INPUT.
C	E	POWER AMP INPUT — Permits direct connection to the internal power amp input. Inserting a plug in this jack, the circuit between the pre-amp and power amp is interrupted. Used primarily as an effects return from devices attached to the PRE-AMP OUTPUT.
	F	FOOTSWITCH PEDAL — For connection to footswitch for channel switching and reverb ON/OFF.
D		HEADPHONE/LINE OUT — Allows connection of headphones for private playing. Also can be used for line level signal to a mixing console or recorder.

SUNN IS A PRODUCT LINE OF FENDER MUSICAL INSTRUMENTS
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